TECHNOLOGY EDUCATION PROGRAM



STANDARDS

and

QUALITY INDICATORS

SCHOOL
DATE
TECHNOLOGY EDUCATION INSTRUCTOR(S)

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INTRODUCTION

This questionnaire was developed to assist in reviewing and improving the instructional process of technology education programs. It is designed to be used by the local teacher in conducting a comprehensive self-evaluation and/or by an external evaluation team. The questionnaire is divided into ten sections corresponding to the twelve standards for review of technology education programs.

Each standard is followed by a series of questions or quality indicators, which further define or measure the standard. Shaded areas identify some questions and these must be met in order to meet the standard. The sum total ranking will serve as a ranking for the standard. The ranking of each standard and corresponding narrative will be recorded and reported in the final evaluation report.

DEFINITIONS:

Standard - A descriptive statement established and used as a model of quantitative characteristics for the development, operation, and assessment of programs.

Quality Indicator - A question that is used to further define or measure the standard.

DIRECTIONS:

Reviewers using this instrument should strive to rate the quality indicators for each program in relationship to the standard.

To complete the questionnaire, carefully read each standard and the quality indicators, which follow. For each question that is shaded, the evaluator should indicate if the quality indicator is met or not met by an X in the appropriate box. Placing an X for the appropriate rating in the column on the right assesses all other quality indicators. The numbers on the rating scale indicate the following:

- 4 = Exceeds Expectations
- 3 = Quality Indicator Met but May Needs Improvement
- 2 = Needs Improvement to Meet Quality Indicator
- 1 = Quality Indicator not Addressed

A checklist of evidence is provided to assist the evaluator by placing a X in the appropriate box(s). It is not necessary to produce every evidence item in order to meet the quality indicator, however, each evidence list essential items are **bold** text for identification.



TECHNOLOGY EDUCATION PROGRAM STANDARDS and QUALITY INDICATORS

STANDARD 1	Curriculum Planning, Organization, and Content
STANDARD 2	Instructional Materials
STANDARD 3	Instructional Personnel
STANDARD 4	Program Enrollment
STANDARD 5	Career and Technical Student Organization
STANDARD 6	Instructional Facilities and Equipment
STANDARD 7	Safety Education and Practices
STANDARD 8	Community Support and Involvement
STANDARD 9	Program Management and Planning

STANDARD ONE

Curriculum Planning, Organization and Content

Standard No. 1 - A written curriculum for all technology education courses has been developed with input from the community, students, and administration and includes the identification of specific goals, objectives, and leadership instruction.

Rationale: The instructional program should be designed to develop knowledge and skills that are essential for success in meeting the career objectives of students and promoting technological literacy. There should be evidence that each instructional unit has been properly planned and organized and is being implemented in a sequential manner. The TE program should implement a grading system, which is based upon identified criteria.

The courses of study for the TE program shall include technological literacy as well as what students should know and be able to do, which will serve to guide the program toward desirable learning outcomes. The courses of study shall be integrated and organized in such a manner as to produce a well-balanced program of instruction.

1 = Not Addressed

2 = Needs Improvement

4 = Exceeds Expectation

QUALITY INDICATORS 3 = Indicator Met Needs Some Improvement

TO WHAT EXTENT:		
A is instruction directed toward appropriate and clearly formulated		
objectives with input from the community, indus	☐ NOT MET	
Evidence:	Comments:	
Local Curriculum cross-referenced with		
Show-Me Standards and National		
Standards for TE for each course		
Course Competencies		
Advisory Committee Minutes		
Program Philosophy and Objectives		
Interest Survey of Future Students		
Other		
B does the technology education course(s)		☐ MET
balance between 1) classroom and laborator	y instruction?	NOT MET
Evidence:	Comments:	
Teaching Calendar		
Course Competencies		
Instructional Strategies		
Student Record books		
Student Portfolios		
Other		
ALL QUALITY INDICATORS THAT ARE SHADED M	UST BE MET IN ORDER TO MEET THE ST	'ANDARD!

STANDARD ONE

Curriculum Planning, Organization and Content (Continued)

		1 = Not Addresse 2 = Needs Improv	
QUALITY INDICATORS			Needs Some Improvement
TO WHAT EXTENT:		4 = Exceeds Expe	ctation
C does instructional planning and organization provide adequate		1 2 3 4	
opportunities for exploratory experiences in vari	ous careers?		
Evidence:	Comments:		
☐ Teaching Calendar			
Course Competencies			
☐ Instructional Strategies aligned with			
standards			
Student Portfolios			
Other			
D are the objectives, teaching calendars, ar	nd course offering	s for the	1 2 3 4
instructional program specified in writing?	_		
Evidence:	Comments:		
☐ Course Descriptions			
☐ Program of Study			
☐ Teaching Calendars			
☐ Instructional Strategies aligned with			
standards			
☐ Course Competencies			
☐ Instructional Management System (IMS)			
Other			
E are related academics incorporated into	the instructional c	ontent?	1 2 3 4
Evidence:	Comments:		
	Comments.		
☐ Locally-adapted Curriculum Crosswalk Of Show-Me Standards & National			
Standards			
Lesson Plans and Objectives Other			

STANDARD ONE

Curriculum Planning, Organization and Content (Continued)

OUALITY I	NDICATORS	1 = Not Addressed 2 = Needs Improve 3 = Indicator Met 1	
_	1(210111010	4 = Exceeds Expec	_
TO WHAT EXTENT:	-t /1:		1 2 2 4
F is there evidence of a written grading sys			
of student achievement, which includes a balance laboratory instruction.	e between classroo	om and	
Evidence:	Comments:		
Written Grading System/Policy	Comments.		
Record book Grading Grid			
Course Syllabus			
Other			
G are students and parents informed in writ	ring of course obje	ectives and	1 2 3 4
frequently informed of the student's level of succ		out ves and	
Evidence:	Comments:		
Sample Of Student Information			
Course integration & application of			
knowledge			
Course Outlines			
Schedule of Progress reports to parents			
Other			
H are written articulation agreements devel			1 2 3 4
updated with Career and Technical Center/postse	•	ons?	
Evidence:	Comments:		
Written Articulation Agreements			
(Documentation of attempted articulation			
agreements – two way communication)			
Other			
Sum the ratings in the preceding columns		Г	Total Points
G			
To meet Standard One, Quality Indicator's A and	l B. must be met a	and the Total	Points must equal
or exceed 18 points.			-

Was Quality Indicator A met? Yes No Was Quality Indicator B met? Yes No

STANDARD TWO Instructional Materials

Standard No. 2 - The technology education program has the instructional materials necessary to implement and deliver the *Technological Literacy* curriculum and to adapt to the needs of students.

The definition of *Technological Literacy*: is the ability to use, manage, understand, and assess technology. Technology Education is the study of technology, which provides an opportunity for students to learn about the processes and knowledge related to technology that are needed to solve problems and extend human capabilities. Technology Education is taught seamlessly from Kindergarten through 12th grade.

Rationale: The availability and proper utilization of instructional materials is considered essential to conducting quality instruction. Schools offering technology education programs shall ensure adequate amounts of such materials including process equipment, instructional technology, computer technology, reference texts, and competency assessments utilized and available. Technology Education instructors shall utilize a variety of instructional materials and methods to meet student needs and the goals and objectives of the program. The *Technological Literacy Standards* are to guide the Technology Education Program and its course development in order to provide focus on what the student needs to know and be able to do to help our state and nation maintain and sustain economic progress.

1 = Not Addressed

2 = Needs Improvement

2 Treeds Improvement

QUALITY INDICATORS 3 = Indicator Met Needs Some Improvement

4 = Exceeds Expectation

A are a variety of appropriate instructional materials and equipment	
	NOT MET
Comments:	
the diverse learning needs of	MET
	☐ NOT MET
Comments:	
	Comments: the diverse learning needs of

STANDARD TWO

Instructional Materials (Continued)

1 = Not Addressed

2 = Needs Improvement

QUALITY INDICATORS 3 = Indicator Met Needs Some Improvement 4 = Exceeds Expectation

C are instructional approaches utilized to to	☐ MET		
understanding and the ability to recognize/solve problems, and to make		☐ NOT MET	
technologically literate decisions?			
Evidence:	Comments:		
☐ Instructional Strategies indicating	Comments.		
alignment with State and National			
Standards			
Student Process Descriptions			
Student Notebooks/Portfolios			
Technology Activities/Projects			
Students' Course Evaluations			
Employer Satisfaction Survey			
Other			
D does the local program have access to a	variety of up-to-date	MET	
reference materials and instructional delivery tec		NOT MET	
Evidence:	Comments:		
☐ Budget (Related to Program	Comments.		
9 (
Evaluation/Improvements)			
☐ Inventory			
FV-4 Request for TE GAP			
Evaluator Observation			
Internet Access			
Other			
E is the curriculum enriched by utilizing related community resources?			
, c	•	\square NOT MET	
Evidence:	Comments:		
☐ Teaching Calendar			
Guest Speakers			
Field Trips			
Other			
	1 4 1 1 1 4	□ MET	
F does each student have an opportunity to	· · · · · · · · · · · · · · · · · · ·	☐ MET	
or career search as part of the instructional progr		NOT MET	
Evidence:	Comments:		
Teaching Calendars			
☐ TSA Program of Activities			
Current career search documentation			
Student Résumés			
Guidance/Placement documentation			
Other			

STANDARD TWO

Instructional Materials (Continued)

1 = Not	Addressed
---------	-----------

2 = Needs Improvement

QUALITY INDICATORS 3 = Indicator Met Needs Some Improvement 4 = Exceeds Expectation

G does the instructor work cooperatively v	MET	
provide activities such as decision-making, dissemination of career		☐ NOT MET
information, scholarships, etc.?		
Evidence:	Comments:	
☐ Teaching Calendars ☐ Guidance Calendar Of Activities		
Counselor Interviews		
Career Fair		
Other		
H does the Technology Education Program	inform adults in the local	1 2 3 4
community about technological Topics?	i illioitii adults ili tile local	
Evidence:	Comments:	
Newspaper Articles	Comments.	
TSA Officer Programs		
TSA Alumni Programs		
TSA Flyers		
Web Sites		
Open House		
School Tours		
Community Presentations		
Other		
I do the Technology Education teachers p	rovide leadership for	1 2 3 4
integrating technology concepts into other subject	ets in the local school?	
Evidence:	Comments:	
Lesson Plans		
☐ Video Tapes		
Students Assignments		
Curriculum committee membership		
Teacher In-service Activities		
Documentation		
Other		

STANDARD TWO

Instructional Materials (Continued)

Sum the ratings in the preceding columns	Total Points
To meet Standard Two, Quality Indicator A must be met and the Total P exceed 6 points and Quality Indicator's A, B, C, D, E, F, and G must be	
Was Quality Indicator A met?	Yes No
Was Quality Indicator B met?	
Was Quality Indicator C met?	
Was Quality Indicator D met?	7 Yes No
Was Quality Indicator E met?	7 Yes No
Was Quality Indicator F met?	Tyes No
	7 Yes No

STANDARD THREE

Instructional Personnel

Standard No. 3 – Each instructor is certified, and each participates in professional development activities.

Rationale: Selecting, developing, and retaining an instructional staff, which is competent to meet the needs of technology education, is of utmost importance to the success of the teaching program. Realizing that technology education instruction is unique in education, all instructors shall have an adequate education experience, which will enable them to relate their instruction to business or industrial methodology. As evidence of proper preparation, each technology education instructor shall meet or exceed state certification requirements and will hold a current teaching certificate appropriate to the subject area taught. In addition to these minimums, all technology education instructors should continuously strive to improve their skills and knowledge by upgrading certification and by attending professional improvement meetings, state conferences, and national conferences.

1 = Not Addressed

2 = Needs Improvement

- **QUALITY INDICATORS** 3 = Indicator Met Needs Some Improvement
 - 4 = Exceeds Expectation

TO WHAT EXTENT:		
A is each instructor certified to teach technology education? MET NOT M		
Evidence:	Comments:	
☐ Teaching Contract		
☐ Teaching Certificate		
Praxis II Score/document		
Core Data Report		
Other		
B does the instructor attend summer confe	rences, conventions, college	☐ MET
courses and other professional development activ	vities for technology	☐ NOT MET
education?		
Evidence:	Comments:	
Copy of Undergraduate Transcript (for		
temporary authorization certification of		
license to teach)		
Copy of Professional Development Plan		
Conference Programs and session handouts		
Other		
ALL QUALITY INDICATORS THAT ARE SHADED MUST BE MET IN ORDER TO MEET THE STANDARD!		

STANDARD THREE

Instructional Personnel (Continued)

1 = Not Addressed 2 = Needs Improvement

QUALITY INDICATORS 3 = Indicator Met Needs Some Improvement

4 = Exceeds Expectation

TO WHAT EXTENT:			
C has each instructor continued his/her proceedings credit courses, attendance at workshops, service?		☐ MET ☐ NOT MET	
Evidence: College Transcript Professional Development Request to Administration Graduate courses for credit Other	Comments:		
D has each instructor continued his/her pro attending professional development meetings, co related to technology education?	<u> </u>	☐ MET ☐ NOT MET	
Evidence: Professional Development Log Attended Professional Activities: State TSA Leadership Conference State TSA Conference National TSA Conference Missouri ACTE/TEAM Conference National ACTE Conference National ITEA Conference Area TEAM Meetings/Workshops Area, District, and/or State TEAM Committees and/or Offices Personal Portfolio Other	Comments:		
ALL QUALITY INDICATORS THAT ARE SHADED MUST BE MET	IN ORDER TO MEET THE STANDARD!		
To meet Standard Three, Quality Indicator's A, B, C, & D must be met. Was Quality Indicator A met?			
Was Quality Indicator B met?			
Was Quality Indicator C met?			
Was Quality Indicator D met?	Yes	No	

STANDARD FOUR

Program Enrollment

Standard No. 4 – All students will have the opportunity to enroll in a technology education course.

Rationale: Program enrollment will vary with each course, contingent upon the make-up of students to be served, the specific content to be taught, the size of the facility, and the method of instruction to be used.

1 = Not Addressed

2 = Needs Improvement

QUALITY INDICATORS 3 = Indicator Met Needs Some Improvement

4 = Exceeds Expectation

TO WHAT EXTENT:	TO WHAT EXTENT:			
A does student enrollment in the technology education program reflect the gender, academic achievement, socioeconomic, and ethnicity make-up of NOT MET				
the school?	ie, and cumienty make-up of			
Evidence:	Comments:			
Class Enrollment				
School Demographics				
Community Demographics				
School Core Data Report				
U Other				
ALL QUALITY INDICATORS THAT ARE SHADED M				
B are student interest assessments, commu				
articulation, and national standards utilized to gu	ide curriculum and career			
planning?				
Evidence:	Comments:			
Guidance Needs Assessment				
Student Interest Survey				
Career Search documentation				
Advisory Council Meeting Minutes or				
committee work				
Other				
C does the instructor collaborate with cour				
scheduling classes to avoid conflicts with other courses needed to meet				
graduation/college entrance requirements?				
Evidence:	Comments:			
Master Class Schedule				
Meeting Minutes/Notes				
Communication memos/letters				
U Other				

STANDARD FOUR

Program Enrollment (Continued)

1 = Not Addressed 2 = Needs Improvement

QUALITY INDICATORS 3 = Indicator Met Needs Some Improvement

4 = Exceeds Expectation

D is a recruitment and retention plan imple	1 2 3 4		
clear understanding of the purpose and benefits of	of a Technology Education		
course?			
Evidence:	Comments:		
Course Descriptions			
Student Recruitment Materials			
Counselor Information Provided to the			
Students			
Other			
E does the instructor communicate with sp understand and implement the specific needs of estudents?	±	1 2 3 4	
Evidence:	Comments:		
List of Special Needs Students Enrolled			
☐ IEP Conferences Attended			
☐ Meetings with Special Needs			
department/notes/minutes			
Other			
Sum the ratings in the preceding columns			
Was Quality Indicator A met?	Yes.	No	

STANDARD FIVE

Career and Technical Student Organization

Standard No. 5 – Student leadership development activities are integrated into the technology education program and are supervised by the local technology education instructor(s).

Rationale: Employers consistently rate student leadership development as an essential skill. Each student shall be afforded the opportunity to become an active member of an appropriate Career and Technical Student Organization for students enrolled in Technology Education, which is known as the "Technology Student Association" or **TSA**. Note that all Vocational Program areas have a content specific CTSO such as: Agriculture Education – FFA, Business Education – FBLA, Family and Consumer Sciences – FCCLA, Marketing and Cooperative Education – DECA, and the Trade & Industrial/Health Sciences – SkillsUSA-VICA.

1 = Not Addressed

2 =Needs Improvement

- **QUALITY INDICATORS** 3 = Indicator Met Needs Some Improvement
 - 4 = Exceeds Expectation

TO WHAT EXTENT:		
A is TSA an integral part of the instruction	al program?	
	□ NOT ME	Γ
Evidence:	Comments:	
☐ Teaching Calendars for Classes Offered		
TSA Program of Activities		
TSA Membership Roster		
Other		
B are all students who are enrolled in the T		
the opportunity to participate in the leadership de	evelopment activities? NOT MET	Ī.
Evidence:	Comments:	
Student Handbook/Course Description		
includes TSA		
☐ Tech. Ed. Department Philosophy &		
Objectives includes TSA		
Local, State, and National TSA activities		
Other		
C is the local TSA chapter in good standing	g with the state and national MET	
organizations?	□NOT MET	Ī
Evidence:	Comments:	
☐ Current Membership Roster from		
State/National TSA		
Approved current TSA charter on		
display		
Other		
ALL QUALITY INDICATORS THAT ARE SHADED MUST BE MET IN ORDER TO MEET THE STANDARD!		

STANDARD FIVE

Career and Technical Student Organization (Continued)

		1 = Not Addressed 2 = Needs Improve	
QUALITY I	INDICATORS	•	Needs Some Improvement
		4 = Exceeds Expe	ctation
TO WHAT EXTENT:			
D has the technology education program in	creased its annual	l	1 2 3 4
membership in the TSA Chapter?	Г		
Evidence:	Comments:		
TSA Roster			
U Other			
E has the Chapter implemented the TSA Pr	rogram of Activiti	ies with	1 2 3 4
assigned committees?			
Evidence:	Comments:		
TSA Committee Roster			
TSA Participation Record			
TSA Secretary's Book			
☐ TSA Program of Activities			
Other			
F is each TSA Chapter member provided t	he opportunity to	attend and	1 2 3 4
participate in a local, state, and national leadersh	ip development ac	ctivity or	
conference?			
Evidence:	Comments:		
☐ TSA Participation Record			
Other			
G does the TSA Chapter hold an annual ba	nquet or awards p	rogram for	1 2 3 4
recognition of students with parents, school office	ials, and commun	ity leaders	
being invited?		•	
Evidence:	Comments:		
☐ TSA Program of Activities			
☐ TSA Banquet and Awards Program			
TSA LCDP Awards (Leadership			
Connections Degree Program)			
Other			

NOTE: (See Standard 8.G for reporting <u>Community Service Projects</u>)

STANDARD FIVE

Career and Technical Student Organization (Continued)

1 = Not Addressed 2 = Needs Improvement

QUALITY INDICATORS

3 = Indicator Met Needs Some Improvement

4 = Exceeds Expectation

TO WHA	AT EXT	TENT:
--------	--------	--------------

H does the TSA Chapter utilize people within the community for their		1 2 3 4
local activities?		
Evidence:	Comments:	
TSA Alumni		
☐ TSA Meeting Minutes		
Advisory Committee work		
Parent Groups		
Program of Activities		
Community Service		
Other		
I do chapter members have the opportunity of five TSA activities above the local level?	to participate in a minimum	1 2 3 4
Evidence:	Comments:	
☐ TSA Program of Activities		
Annual Report of Tech. Ed. Department		
Other		
J are chapter meetings held monthly with	members conducting the	1 2 3 4
proceedings?		
Evidence:	Comments:	
☐ TSA Program of Activities		
TSA Secretary's Book		
Tech. Ed. Program Activity Calendar		
Current and active files of TSA Minutes		
(TE-4)		
Other		
Sum the ratings in the preceding columns		
Was Quality Indicator A met?	☐ Yes	No
Was Quality Indicator B met?		No
Was Quality Indicator C met?		No
()		



STANDARD SIX

Instructional Facilities and Equipment

Standard No. 6 – Clean, attractive, and safe facilities and equipment are provided to support the curriculum and meet the needs of students.

Rationale: Physical facilities for technology education programs set an expectation for students' attitude and performance. Adequate space and equipment in instructional and non-instructional areas, and offices will provide for safe and orderly instruction.

1 = Not Addressed

2 = Needs Improvement

QUALITY INDICATORS 3 = Indicator Met Needs Some Improvement

4 = Exceeds Expectation

TO WILL T EXTENT.

IO WHAI EXIENI:			
ALL QUALITY INDICATORS THAT ARE SHADED MUST BE MET IN ORDER TO MEET THE STANDARD!			
A is the size of the facility adequate for the number of students, to			
assure safe, quality education in relation to the program's objectives?			
Evidence:	Comments:		
Safe Facilities Program Review			
See the Missouri Public Schools Safe Facilities (
http://www.dese.state.mo.us/divvoced/Resources			
B is the technology education program incl	luded in the district		
accessibility study for ADA?	□ NOT MET		
Evidence:	Comments:		
☐ District Accessibility Study			
C is a complete inventory maintained on al	ll equipment and audited MET		
annually?	NOT MET		
Evidence:	Comments		
Department Inventory			
Floor Plan of Facilities			
D is there locker/storage space available to each student for lab clothes, MET			
supplies, etc.?	NOT MET		
Evidence:	Comments:		
Evaluator Observation	Comments.		
Evaluator Coservation			
1 = Not Addressed 2 = Needs Improvement			
QUALITY INDICATORS 3 = Indicator Met Needs Some Improvement			
4 = Exceeds Expectation			
TO WHAT EXTENT:			
E are the instructional facilities attractive, properly maintained, and 1 2 3 4			
arranged to provide a conducive learning environment?			
Evidence:	Comments:		
Evaluator Observation			
Before and After Photos of Improvements			

STANDARD SIX

Instructional Facilities and Equipment (Continued)

F have funds been provided for the purchase of equipment and consumable supplies?		1 2 3 4
Evidence: Department Budget FV-4 for TE GAP (Equipment Only) Inventory	Comments	
G is the equipment being utilized, adequate	te and up-to-date?	1 2 3 4
Evidence: Department Inventory FV-4 for TE GAP	Comments	
Sum the ratings in the preceding columns		
Was Quality Indicator A met?	Yes	No No No
Was Quality Indicator D met?	Yes	No

STANDARD SEVEN

Safety Education and Practices

Standard No. 7 - Safety is incorporated into all phases of the technology education program.

Rationale: Due to the nature of technology education and related careers, student safety and safety instruction are considered essential to quality program operations. The Occupational Safety and Health Administration (OSHA) standards shall be used to guide the implementation and maintenance of environmental health and safety features as well as the Missouri Public Schools Safe Facilities Guide (MPSSFG) which is available on-line at: (http://www.dese.state.mo.us/divvoced/adminaccount/schfacguide/index.html).

1 = Not Addressed

2 = Needs Improvement

QUALITY INDICATORS 3 = Indicator Met Needs Some Improvement

- 4 = Exceeds Expectation

10 WIMI EXILIVI:			
ALL QUALITY INDICATORS THAT ARE SHADED MUST BE MET IN ORDER TO MEET THE STANDARD!			
A is safety being taught as a comprehensive part of the instructional		1 2 3 4	
program?			
Evidence:	Comments:		
Teaching Calendar			
Completed General Specialized			
Technology Education Classroom			
Checklist (MPSSFG)			
☐ Safety Signs posted at each Machine			
General Safety Rules Posted			
☐ Student Safety Tests and Records on File			
☐ Instructor remains in the lab when			
equipment is in use			
B is there a comprehensive safety program	maintained which provides	1 2 3 4	
safety instruction, record keeping, and safety test	ts for the lab(s)?		
Evidence:	Comments:		
Safety Instructional Curriculum			
Individual Student Files			
Safety Tests on File			
Safety Records on File			
C has a safety inspection of the facility bee	en conducted using the	1 2 3 4	
Technology Education Safety Checklist?			
See the Missouri Public Schools Safe Facilities	Guide (MPSSFG) located on t	he web at:	
http://www.dese.state.mo.us/divvoced/Resourc	es/school_facilities_guide/inde	<u>x.html</u>	
Evidence:	Comments:		
☐ Completed Safety Checklist			
☐ District Insurance Carrier's Annual			
Report			
First Aid Kit			

STANDARD SEVEN

Safety Education and Practices (Continued)

1 = Not Addressed 2 = Needs Improvement

QUALITY INDICATORS 3 = Indicator Met Needs Some Improvement 4 = Exceeds Expectation

D has deficient equipment been placed out of service and labeled 1 2 3		
appropriately, and timelines established to correct deficiencies?		
Evidence:	Comments:	
Deficiencies Corrections Report		
Completed Safety Checklist		
Evaluator Observations		
Lock-Out Tag-Out for Equipment not in		
use		
E are all individuals in the lab required to	wear safety glasses at all	1 2 3 4
times? (Missouri Revised Statutes, chapter 170,	, ,	
and 170.009)	,	
Evidence:	Comments:	
Safety Glasses		
Lesson Plans		
Safety Glass Storage with Sterilization		
Student Interviews		
Observation		
Observation		
F is there a clean-up wash basin, fire extin	guicher, fire blanket	1 2 3 4
adequate ventilation, eye wash station, stationary		
1	1 1	
marked safety zones, appropriate machine guard	s in place and lighted exit	
signs? Evidence:	C	
	Comments:	
Safety Check List		
Evaluator Observation		
G is adequate and appropriate storage prov	ided for hazardous materials?	
Evidence	Comments	
Evidence:	Comments:	
Safety Checklist		
Approved Hazardous/Flammable		
Materials Cabinet or Room		
Materials Inventory/Records		
Sum the ratings in the preceding columns		
To meet Standard Seven, Quality Indicator's Total Points must equal or exceed 21 points		

STANDARD EIGHT

Community Support and Involvement

Standard No. 8 – Community support and involvement are facilitated through a comprehensive program targeted to all program stakeholders.

Rationale: Partnerships are essential in developing and maintaining a quality technology education program. The success of any program is based upon community support and involvement. Utilizing available resources to inform the community of the mission, activities, course content, and goals of the program in promoting student and program success develops this input.

1 = Not Addressed

2 = Needs Improvement

QUALITY INDICATORS 3 = Indicator Met Needs Some Improvement

- 4 = Exceeds Expectation

TO WHAT EXTENT:	1	
A is a positive community and school relations	MET	
conducted by the technology education program in the		☐ NOT MET
with a minimum of one activity per month (radio, T		
brochures, civic appearance, American Red Cross, lo	ocal Tech Expo, etc.)?	
Evidence:	Comments:	
TSA Program of Activities		
TSA Chapter Portfolio		
News Articles		
Other		
ALL QUALITY INDICATORS THAT ARE SHADED MUST		STANDARD!
B does each instructor participate in community	ty activities (e.g., civic	1 2 3 4
organizations, Chamber of Commerce, etc.)?		
Evidence:	Comments:	
List of Organizational Memberships		
Other		
C is the administration kept adequately inform	ed of program and	1 2 3 4
teacher activities?		
Evidence:	Comments:	
Annual Program Report was shared with:		
Administrator		
School Board		
Advisory Committee		
Copy of Correspondence/Newsletter to		
Administrator		

STANDARD EIGHT

Community Support and Involvement (Continued)

1 = Not Addressed

2 = Needs Improvement

QUALITY INDICATORS 3 = Indicator Met Needs Some Improvement 4 = Exceeds Expectation

IO WHAI EXIENI:			
D does each instructor ensure that counselors a familiar with the goals, objectives, activities, prerequence technology education program?			
Evidence: Record of Meetings with Counselor/ Administrator Interview with Counselor Interview with Administrator Other	Comments:		
E is an annual school service/development project completed? 1 2 3 4			
Evidence: TSA Week Activities TSA Program of Activities TSA Scrapbook TSA Alumni Other	Comments:		
F is an annual community service/developmen	nt project completed? 1 2 3 4		
Evidence: TSA Week Activities TSA Program of Activities TSA Chapter portfolio Other	Comments:		

STANDARD EIGHT

Community Support and Involvement (Continued)

1 = Not Addressed 2 = Needs Improvement

		2 - Needs Improvement	
QUALITY INDICATORS		3 = Indicator Met Needs Some Improvement 4 = Exceeds Expectation	
TO WHAT EXTENT:			
G is the community used a	s a resource?	1 2 3 4	
Evidence:	Comments:		
Field Trips			
Capstone completion			
Guest Speakers			
Financial Support for Schola	rships		
☐ Fund-raising Activities			
Other			
Sum the ratings in the preceding	columns	Total Points	
To meet Standard eight, Quality exceed 18 points.	Indicator A must be met and the T	Γotal Points must equal or	
Was Quality Indicator A met?		Yes	

STANDARD NINE

Program Management and Planning

Standard No. 9 - Input from students, parents, staff members and community representatives is used to develop and implement the technology education program's goals and objectives.

Rationale: Effective input from business, industry, other organizations and individuals to ensure that technology education is relevant to the needs of students.

Each technology education program should actively strive to engage community involvement and to foster a greater understanding of the program's needs and accomplishments.

1 = Not Addressed

2 = Needs Improvement

QUALITY INDICATORS 3 = Indicator Met Needs Some Improvement

- 4 = Exceeds Expectation

TO WHAT EXTENT:			
A is the instructional program annually evaluated to meet the needs of		MET	
the students and the community?		NOT MET	
Evidence:	Comments:		
Evaluation Plan			
Student Evaluation of Program			
Advisory Committee Report			
Other			
B is an annual program report completed a	and submitted to	MET	
administrators, school board, and advisory committee?		NOT MET	
Evidence:	Comments:		
Copy of Completed Program Report			
☐ Minutes/Agenda of Board Meeting			
☐ Minutes of Advisory Committee Meeting			
Other			
C does the technology education program have a formal advisory		MET	
committee?		NOT MET	
Evidence:	Comments:		
Advisory Committee Membership List			
Other			
D does the program advisory committee m	eet regularly (minimum of	MET	
once per year) and maintain records of each meeting?			
Evidence:	Comments:		
Advisory Committee Minutes			
Other			
ALL QUALITY INDICATORS THAT ARE SHADED M	UST BE MET IN ORDER TO MEET THE STAND.	ARD!	

STANDARD NINE

Program Management and Planning (Continued)

1 = Not Addressed 2 = Needs Improvement **QUALITY INDICATORS** 3 = Indicator Met Needs Some Improvement 4 = Exceeds Expectation TO WHAT EXTENT: E. ... are advisory committee recommendations and services utilized in 1 2 3 4 program activities, long-range goals, and the Comprehensive School Improvement Plans (CSIP)? Evidence: Comments: Advisory Committee Minutes **Annual Program Evaluations** Program Changes/Implementation **CSIP** Other F. ... is the program advisory committee representative of the technology 1 2 3 4 education populations being served by the program? Evidence: Comments: Advisory Committee Membership List Community/County Profiles 5-year Placement Record Other G. ... does the program align or articulate with academic courses and other 1 2 3 4 career and technical education programs? Evidence: Comments: Curriculum Documentation **Articulation Agreements** Other **Total Points** Sum the ratings in the preceding columns..... To meet Standard Nine, Quality Indicator's A, B, C, & D must be met and the Total Points must equal or exceed 9 points. Was Quality Indicator A met? Yes.....

Was Quality Indicator B met?

Was Quality Indicator C met?

Was Quality Indicator D met?

No

No

Yes.....

Yes.....

Yes.....

DOCUMENTATION AND EVIDENCE LIST

Below is a listing of items of evidence that can be used to support the program Standards. While the list is not all-inclusive, it is provided to give a sample of the items needed for the technology education program review. Not all items are applicable to every program.

STANDARD 1 Curriculum Planning,

Organization, and Content

Course Competencies

Advisory Committee Minutes

Interest Survey of Future Students

Teaching Calendar

Instructional Strategies (cooperative learning,

small group, hands-on activities,

research, etc.) and assessments (tests,

performance tasks, peer evaluation,

teacher evaluation, etc.) which integrate academic and career competencies.

Program Philosophy & Objectives

Course Descriptions

Course Outlines

Lesson Objectives

Student Portfolios

Locally Adapted Curriculum Crosswalk Of

Show-Me Standards

Written Articulation Agreement

STANDARD 2 Instructional Materials

Inventory

FV-4 for TE GAP

Course Outlines

Teaching Calendar

Lesson Plans

Internet Access

Student Interviews

TE Activities/Projects

Student Résumés

Students' Course Evaluations

Student Notebooks/Portfolios

CAPSTONE Projects

Department Budget

TSA Program of Activities

Guidance Calendar Of Activities

Curriculum Integration Lesson Plans

STANDARD 3 Instructional Personnel

Copy of the Core Data Report for Tech. Ed.

Organizational Membership List of the

Instructor(s)

Professional Development Plan

Teaching Certificate

College Transcript

Graduate Courses in Technology Education

Record of Curriculum Meetings Attended

Standards Workshops

Internships

ITEA and/or TEAM Conference Attendance

STANDARD 4 Program Enrollment

Master Class Schedule

List of Class Enrollments (include grade

level, male, female, special populations)

Student Recruitment Materials

TSA Enrollment

School Demographics

Community Demographics

Guidance Needs Assessment

Student Interest Survey

List of Special Needs

STANDARD 5 Career and Technical

Student Organization

Chapter Excellence Awards

TSA Alumni Roster

TSA Banquet or Awards Assembly Program

TSA Secretary Book

TSA Roster (official membership roster)

TSA LCDP records

Parent Groups

High School Student Handbook/Course

Description

TSA Chapter Program of Work

STANDARD 6 Instructional Facilities and

Equipment

Completed Safety Checklist
Statement of how equipment is used to
promote Technological Literacy
District Accessibility Study
Department Budget
FV-4 TE GAP
Department Inventory

STANDARD 7 Safety Education and Practices

Completed Safety Checklist located at:

http://www.dese.state.mo.us/divvoced/Resources/school facilities guide/index.html

Comprehensive safety Curriculum Safety Test on File Individual Student Files and Records Insurance Carrier Report

STANDARD 8 Community Support and

Involvement

TSA Program of Activities
TSA Chapter Portfolio
Record of Business and Industry
Participation
Advisory Committee
News Articles
Community Donations
Record of Local Professional Meetings
and/or Joint Activities

STANDARD 9 <u>Program Management and</u> Planning

Evaluation Plan
Program changes
CSIP
Minutes/Agenda of Advisory Meeting
Advisory Committee Membership List
Advisory Committee Minutes
Annual Program Evaluations

PROGRAM PROFILE

School:	
Date:	
Instructor(s):	

To consider a standard meet review the total points to meet or exceed the minimum point value and that all quality indicators required are marked yes for each individual standard. Once all the minimum points have been meet and all the quality indicators are achieved, place an X in the appropriate box.

		Standard Met	Standard Not Met*
STANDARD 1	Curriculum Planning, Organization and Content		
STANDARD 2	Instruction		
STANDARD 3	Instructional Personnel		
STANDARD 4	Program Enrollment		
STANDARD 5	Career and Technical Student Organization		
STANDARD 6	Instructional Facilities and Equipment		
STANDARD 7	Safety Education and Practices		
STANDARD 8	Community Support and Involvement		
STANDARD 9	Program Management and Planning		

^{*}Refer to Specific Recommendations for Improvement

INTRODUCTION

The introduction should include such information as follows: A brief description of the program, number of students served, enrollment, and any unique information about the program.
Strengths
Summarize below the major strengths of the program. Include outstanding accomplishments of students and/or the student organization.
Specific recommendations for improvement
Outline specific recommendations for program improvement that should be implemented in order for the program to meet the minimum standards. Each standard that was found to be deficient should be identified and recommendations for improvement made.
Standard Recommendations
General Suggestions for Improvement
Outline general suggestions for overall improvement of the program.
Standard Recommendations